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**From:** Stan Kaczmarek  
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**Subject:** 20140228 Passaic River: RM 10.9 Daily Update

The geotextile/stone placement started on 2/26/14 (Wednesday) at the northern end of the dredged area, with the upriver edge placed at Station 32+00. The slope in this area is steeper than the rest of the dredged removal area and is also covered with rip-rap. The panel lengths in this section are in 45' to 50' reaching from the shore out to the ship channel.

Placement of the second panel of geotextile began on the morning of 2/27/14 (Thursday). After it appeared that the fabric was being placed appropriately, the ropes holding the shoreline edge of the fabric snapped, and the geotextile along with the armor stone that had been placed to provide temporary weight while the balance of the panel was being rolled out, slid down the slope pulling the entire geotextile panel with it.

Observations just prior to the loss of the fabric and stone indicated that there was a strong outgoing current which had forced GLDD to adjust their procedures so they could maintain the required 18" overlap with the first laid panel. The panel appeared securely fastened to the top of the near shore slope, and armor stone was being placed in a quantity that was believed to be necessary to keep the geotextile in place until the entire panel could be rolled out. The placement appeared to be proceeding in a methodical manner.

An investigation is ongoing to determine the cause for the loss of fabric and stone in this specific area. In the meantime, GLDD was requested to move the operation downstream a distance from the failed section to where the slope is gentler. GLDD recommended station 30+96 which aligns with their designation panel R-36 (northern end started with panel R-40). This operation resumed this morning (2/28/14) with the successful placement of panel R-36. GLDD is currently preparing to place another panel adjacent to R-36 on the downriver side this afternoon. This work is expected to continue through Sunday.

If the forecast for winter weather on Sunday afternoon into Monday holds true, we will inform everybody if it will affect Monday operations.

Once a cause is determined and a solution proposed for handling the steeper slopes north of Station 30+96, they will be discussed with EPA prior to resuming any activity north of Station 30+96.

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